Agilent Internet Advisor

Features
- automatic expert analysis and network health reporting
- statistical analysis can be customized
- extensive on-line help

The Agilent Internet Advisor gives you the functionality and performance to troubleshoot networks and solve network problems the first time you connect. You will have the ability to connect and monitor CDPD traffic at LAN or WAN access points. You will also have the capability to decode the following protocols as specified by the CDPD system specification release 1.1:

- all MNRP packet types and options
- MDLP protocol - I frames, U frames and S frames
- SNDCP protocol - header compression/decompression, data compression using V.42 bits, segmentation/reassembly, and encryption
- SME security services protocol: IKE and EKE

The following wireless application protocols can also be decoded:

- WSP - wireless session protocol
- WTP - wireless transaction protocol
- WDP - wireless datagram protocol
- RLP - radio link protocol
- RLC - radio link control
- MIP - mobile IP
- GTP - GPRS tunneling protocol
- IuUP - Iu interface user plane

Slide-in modules and undercradles provide access to all major interfaces, connecting to any network technology.

Capture all the data, even the highest speed. RISC processors and custom hardware capture the data you need for fast problem solving.

The Agilent Internet Advisor reveals problems reliably, automatically analyzes collected data, tells you what the problems are, their cause, and what you need to do to solve them.

Network Installation

N1725A auroraDuet /N1726A ITU auroraDuet – Complete Primary and Basic Rate ISDN Testers

Features
- emulation
- monitor and analysis capabilities
- automatic service tests
- voice and data tests
- BERT statistics
- multiple interfaces
- multi-protocol
- battery/AC operation

The Agilent N1725A auroraDuet has been designed to provide all around capability to ISDN technicians and engineers as an installation, troubleshooting and maintenance, integration, and product development tool. It can emulate ISDN from both the network and customer sides, which is key to its versatility.

The auroraDuet troubleshooting capabilities provide testing of local loop at the U-interface, in TE mode it simulates terminal equipment and validates line operation on S/T and U interfaces, checks cable continuity to S bus problems, and monitors D-Channel traffic on S/T and U interfaces for problem analysis.

The auroraDuet can simulate the NT and LT, appearing as the network itself. Equipment installers can commission and setup equipment before delivery and, in the TE mode, validate ISDN services provided to the customer site. The auroraDuet can save time and expense, improving customer services providing monitoring and diagnostics, voice and data testing of National, AT&T ®, and Nortel ® protocols. Rechargeable NiCad batteries or AC/DC power adapter included.

- combined basic rate, primary rate and T1 tester
- automated test suites for quick line status
- rugged and easy to operate

Network Installation

N1735A auroraTempo – Easy, Comprehensive Testing of Frame Relay Services

Features
- full SVC and PVC simulation
- CIR testing
- frame relay decode
- extensive statistics
- IP PING generation
- exhaustive physical layer testing
- accommodates full duplex T1 and V-series interface modules
- 2 Rx and 1 Tx on each interface
- dual-port, full-duplex operation
- intuitive menu system
- large display

The N1735A auroraTempo is essential for installing, configuring and maintaining frame relay services running over V-series interfaces, T1 circuits. It provides a full suite of physical layer and frame relay protocol test that allows you to speedily verify the service, or examine more complicated issues with real-time analysis, statistical analysis, and detailed simulation for both switched virtual circuits (SVCs) and permanent virtual circuits (PVCs).

The auroraTempo meets the needs of frame relay technicians with a portable, powerful cost-effective solution. It provides the necessary physical line tests along with complete frame level simulation and analysis. When installing a frame relay circuit, FRAD, frame relay switch or router, the auroraTempo performs tests for physical analysis, link management, end-to-end routing, stress testing and switch emulation.

Please visit our Web site at:
www.agilent.com/find/networkplanning

Network Installation

53140 Series Microwave Counter/Power Meter/DVMs and 53150 Series Microwave Counters

Features
- 20, 26.5, and 46 GHz frequency ranges
- battery and carrying case options for field use
- oven time base and rack mount options for ATE systems
- 53150 series: frequency and power measured by the same input
- 53140 series:
  - true power meter accuracy and range
  - DC DVM for AGC and site-battery monitoring

The 53140 series is everything you need for the installation and maintenance of microwave links, in one portable package.

The installation and maintenance of point-to-point microwave links typically requires a microwave counter, a true power meter, and a dc DVM. The 53140 series reduces the weight, volume, and burden of carrying multiple pieces of equipment in the field by combining these three instruments into one. The microwave counter offers the choice of frequency range up to 46 GHz. The true power meter meets your "laboratory-accuracy" requirements in the field — and a ±50 Vdc DVM is there to assist you with antenna alignment and telecom power supply measurements.

Finally, the 53140 series is lightweight, rugged, and the battery and soft carrying case options give complete portability in the field.

For more information, visit our Web site at:
www.agilent.com/find/53140

The 53150 series trades power measurement accuracy for user convenience, a smaller size, and a lower price

Is the convenience of measuring frequency and power with a single input more important to you than power measurement accuracy (>2 dB vs. >0.5 dB)? If a half-rack size microwave counter is required for your ATE system or if you have a tight budget, then the 53150 series microwave counters can meet your needs.

For more information, visit out Web site at:
www.agilent.com/find/53150